

SMAR.P-001
Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mardh

Serial No.: 09/678,357

Examiner: K. Shahan-Shah

Filed: 4 October 2000

Art Unit: 1645

For: Screening Method for Gastritis

9/c
JM
6/4/07

Preliminary Amendment

Prior to further consideration of the above-captioned application in view of a Request for Continuing Examination being filed herewith, please enter the following amendments:

In the claims:

Please cancel claims 4 and 6-13 and add claims 14- as follows:

- D
C
14. A method for diagnosing possible presence of gastritis in a human by evaluating a blood sample, comprising assaying the blood sample for the presence of antibodies specific for H,K-ATPase, antibodies specific for Helicobacter pylori, and the concentration of pepsinogen I, whereby the presence of H,K-ATPase antibodies, Helicobacter pylori antibodies, and pepsinogen I concentration are compared between themselves and in relation to the respective values of H,K-ATPase antibodies, Helicobacter pylori antibodies, and pepsinogen concentration of a normal population, wherein altered levels in the sample is indicative of gastritis.
15. The method according to claim 14, wherein the step of determining the levels of said indicators comprising performing immunoassays for detecting the indicators.
16. The method according to claim 15, further comprising the step of determining an additional indicator comprising the level of pepsinogen I multiplied by the level of Helicobacter pylori antibodies, and wherein the level of this additional indicator is compared to a standard.

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 920.00)

Complete if Known

Application Number 09/678,357
 Filing Date October 4, 2000
 First Named Inventor Mardh
 Examiner Name K. Shahan-Shah
 Group Art Unit 1645
 Attorney Docket No. SMAR.P-001

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

15-0610

Oppedahl & Larson LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 30 - 20** = 10 x Fee from below 9 = 90
 Independent Claims 2 - 3** = 0 x 0 = 0
 Multiple Dependent 0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 90.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	460.00
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 480	243 230	Design issue fee	
144 820	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	370.00
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$830.00)

SUBMITTED BY

Name (Print/Type) Marina T. Larson, PhD Registration No. 32,038 Telephone 970-468-6600
 Signature [Signature] Date June 4, 2002

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